

RF EXPOSURE REPORT

Reference No..... : WTX26X06177707W003
FCC ID..... : 2BK7D-V6S
Applicant..... : Shenzhen Scyrox Electronic Limited
Address..... : Building 301, Lushi Industrial Building, Zone 28, Dalang Community, Xin'an
Street, Bao'an District, Shenzhen
Manufacturer..... : The same as Applicant
Address..... : The same as Applicant
Product Name..... : Gaming mouse
Model No..... : V6S
Standards..... : FCC Rule Part 1.1307
KDB 447498 D01
Date of Receipt sample : 2025-11-06
Date of Test..... : 2025-11-11 to 2026-07-12
Date of Issue..... : 2026-07-24
Report Form No. : WTX_Part 1_1307W
Result..... : **Pass**

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approver.

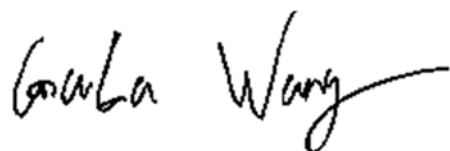
Prepared By:

Waltek Testing Group (Shenzhen) Co., Ltd.

Address: 1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian 2nd Road,
Block 70 Bao'an District, Shenzhen, Guangdong, China

Tel.: +86-755-33663308 Fax.: +86-755-33663309 Email: sem@waltek.com.cn

Tested by:



Gala Wang/Project Engineer

Approved by:



Jason Su/Manager

1.1 General Information

General Description of EUT:

Product Name:	Gaming mouse
Trade Name:	SCYROX
Model No.:	V6S
Adding Model(s):	/
Rated Voltage:	Type-C input DC 5V Battery DC 3.7V
Battery Capacity:	400mAh
Power Adapter Model:	/
Equipment Type:	Portable device

Technical Characteristics of EUT:

Frequency Range:	2403MHz-2480MHz
Max. Field Strength:	98.43dBuV/m
Modulation:	GFSK
Quantity of Channels:	77
Channel Separation:	/
Antenna Type:	PCB Antenna
Antenna Gain:	-2.39dBi

2 Test Facility

Address of the test laboratory

Laboratory: Waltek Testing Group (Shenzhen) Co., Ltd.

Address: 1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian 2nd Road, Block 70 Bao'an District, Shenzhen, Guangdong, China

FCC – Registration No.: 125990

Waltek Testing Group (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files. The Designation Number is CN5010, and Test Firm Registration Number is 125990.

Industry Canada (IC) Registration No.: 11464A

The 3m Semi-anechoic chamber of Waltek Testing Group (Shenzhen) Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 11464A and the CAB identifier is CN0057.

3 RF Exposure Exemption

According to the KDB 447498 D01 v06 section 4.3.1, for 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR, where}$$

- $f(\text{GHz})$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation¹⁷
- The result is rounded to one decimal place for comparison

Calculation Result:

Tx frequency range: 2403-2480MHz

Min. test separation distance: 5mm

Max. Field Strength: 98.43dBuV/m @3m

$EIRP = E - 104.8 + 20\log D = 98.43 - 104.8 + 20\log 3 = 5.56\text{dBm}$

Maximum Conducted Output Power: 5.56dBm

Tune-Up output power: 6.0dBm

RF channel transmit frequency: 2480MHz

Result: 1.23

Limit: 3.0

The exclusion thresholds is $1.23 < 3$, so the transmitter complies with the RF exposure requirements and the SAR is not required.